Construction Environmental

Management Plan

	DATE:	**03.05.22**
WORK ACTIVITY	**Enabling Works Management Plan**	
SITE / LOCATION	**Plot M400, Heywood Distribution Park, Heywood, OL10 2TT**	
DURATION	**25 weeks**	

METHOD OF WORKS

Site Access

The Construction site will be access through the main Heywood Distribution Park control gates located off Pilsworth Road. All vehicles will be pre-registered with the site office to allow ANPR barrier entry.
All vehicular movement to and from the construction site will adhere to the 20mph speed limit set on the Distribution Park access road network
Winvic Construction Limited (WCL) will construct a secure site boundary hoarding to the perimeter of the site to areas not already protected by security fencing. Access into the construction site will be 2 stage via entrance gates and a manned gate house to restrict and monitor the flow of traffic. The first set of gates will be used to secure the site outside of working hours and when open will allow visitors and construction staff to access the parking area adjacent to the site cabins. From this holding point staff and visitors will have to report to the main office or once registered can enter the construction site via a security turn style operated by fingerprint recognition. The second gate will be manned at all times during site operations by the gate person who will manually control site delivery and access onto the construction site. A display board will be mounted at the site entrance displaying the contact details for the Project Manager and a 24hr emergency contact number for Winvic.

Site Works and Materials Management.

The site works are to be designed managed and implemented with reference to the relevant British Standards Best, Practice and Guidelines to reduce disturbance resulting from noise, surface run-off and vibration during construction works.
The works will be delivered via the following measures:

- Pollution prevention measures including procedures for oils, chemicals and other potentially contaminative construction material storage designed to prevent the release of any accidental spillages and effects associated with contaminated surface run-off by using fuel bund trays and designating areas within site for fuels storage.
- Supervision of delivery of fuel and oils with pipelines and fueling points protected from vandalism and unauthorised interference, including being turned off and locked when not in use to prevent effects associated with the encroachment of construction vehicles and plant and

contaminated surface run-off. These measures will be monitored by a member of Russell's site staff to ensure the pre-agreed methodology is implemented.

- Use of drip trays when filling smaller containers from tanks or drums to avoid drips and spills from entering the ground or drainage systems and watercourses to prevent effects associated with contaminated surface run-off;
- Controlling works with concrete and washing out ready-mix concrete wagons in 'safe areas' to prevent effects associated with contaminated surface run-off. Concrete works are only required as part of the new construction and washdown areas will be designated close to the working area into bunded collection pits
- Measures to minimise noise and vibration;
- Measures to minimise dust arisings, including when necessary, regular damping down of the Assessment Site by spraying with water and covering stockpiled material within a contained area, where required, to enable run-off to be treated; and
- Limiting construction works to daylight hours only, or having a suitable lighting strategy in place in order to minimise effects to nocturnal faunal species.

At present the site consists of grassed areas, hard standing areas made up of concrete storage yard and access roadway.
Tree planting exists within the site within three main areas with mature tress being protected under a Tree Preservation Order. These TPO areas will be full protected with fencing in accordance with BS5837.2012 for the duration of the enabling works.

The proposed works consist of the removal vegetation across the site, the lifting of all hard standing areas and the removal of previously mounded sub soil

The hard standing areas will be reworked on site to for aggregate that will be stock piled in the storage area noted on the WCL Logistics plan for use in future development works.
The mounded spoil has been assessed for its suitability for re-engineering but has been found to be unsuitable for this process and will therefore be removed from site to a local Licenced facility in accordance with the UK landfill directive.
Further testing of this surplus soil that is to be removed from site has classified the material as inert. The remainder of the earthworks on the site will be reworked to provide a levelled platform within the site.

Ecology Works
FPCR have been engaged as the Ecologist for the works and will assist and supervise works as required and have produced a detailed Ecological Appraisal ref **10670/IH/AJB**. The is summarised as follows

- Likely potential effects upon the important ecological features are not anticipated to be significant and would be adequately mitigated for through inherent design of the project and/or through implementation of standard actionable measures of avoidance and mitigation. Where effects are unavoidable, such as the loss of the habitats within the site, it is considered that appropriate mitigation can be implemented to reduce these effects and suitable compensatory habitat creation and enhancement can be secured to compensate for any residual losses.

The details of the precautionary working methods for badger and other small mammals are as follows:

These precautionary working methods are to be implemented during the enabling works and future construction phase of the project. These include:

- Any trenches left open overnight will be fenced off, and a ramp will be positioned to enable badgers and other mammals to escape if they fall into the trench;
- Tool box talks for construction workers which will ensure that all workers are aware of the presence of badgers and other mammals in the vicinity of the Site and informed of the restricted areas delineated by exclusion fencing and signage;

- During construction, vigilance will be exercised for signs of badger, particularly on any unfenced spoil mounds as these may be attractive to badger for establishing a new sett;
- Any open pipework will be capped at the end of each working day;
- Site traffic will be limited to 10mph; and
- Hoarding to be installed around the construction area to prevent the access of animals into the Site.

Enabling Works Operation:

The Construction Site will generally carry out the majority of works between the hours of 07.00 to 18.00 hours Monday to Friday and 08.00 to 16.00 hours where necessary over the weekend.

During the early enabling works phase it is anticipated that earth moving vehicles will be operating within the site boundary and off site movement will be required to cart materials off site. The volume of material to be removed has been limited to removing only the vegetation and sub-soil materials that cannot be re-worked and used on site. It is anticipated that the removal of this material will result in approximately 48 wagon load movements per day at 6 loads per hour for a duration of 6 weeks
Throughout this materials movement a wheel wash area will be created next to the site entrance with the roadway draining back into site to prevent any excess silt/water being transferred onto the highway and access road. A power wash will be used to clean vehicle wheels prior to leaving site in the unlikely event that vehicles track through site mud. All vehicle delivering aggregate or removing spoil will be required to be sheeted over to prevent unnecessary dust

The existing hard standing will provide a clean running surface for site traffic movements, the site compound and designated storage/delivery area.

All vehicles will be restricted to a speed limit 20mph for the access route from the Park main control gate through to the construction site and then to a speed limit of 10mph for all on site traffic including delivery and loading.
During deliveries, trained operatives will be available to bank vehicles into designated position. Records will be taken of all delivery vehicles to and from site at the manned control site gates. Reversing will be restricted as far as is practicable. Drivers will follow a designated route signposted and maintained on site and as detailed on the WCL logistics plan

Environmental Considerations

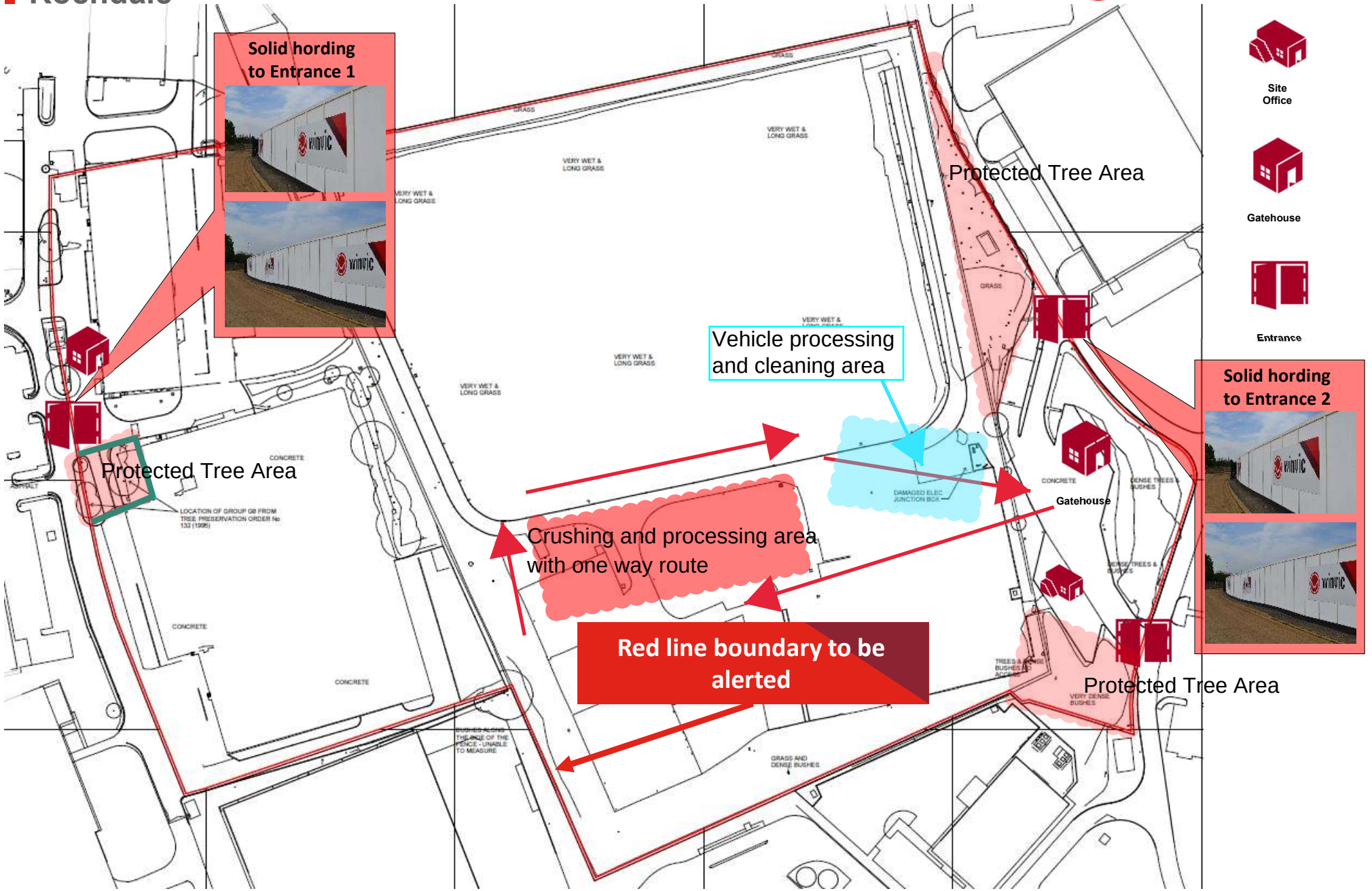
Minimising the impacts of Dust:
Levels of dust are to be monitored during all stages of the works and dampening down will be implemented as required especially during the hardstanding crushing operations,dry weather periods and site plant traffic movement during the earthworks operations. Road Sweepers and/or water bowsers will be utilised where necessary to dampen roads and the site hardstanding to reduce the risk of dust to both site operatives and the neighbouring businesses.
Operatives wearing masks for their works must be face fit tested good selection of disposable masks will be available on site e.g FFP3 to ensure this is enforced at all times.
Cutting equipment with internal dust suppression will be used at all times to prevent unnecessary generation of dust for example when using a stihl saw for cutting. (water suppression).

Minimising the Impacts of Noise:
Winvic and its contractors will ensure that, where reasonably practicable, nobody on site is exposed to noise in excess of *80*dB (A). Where noise levels are suspected to be at or above *80*dB(A) a member of the site management team will be responsible for ensuring a suitable noise assessment is carried out. Suitable hearing protection must be made available to all affected personnel on request. Contractors undertaking work that continuously exceeds the noise level of 80dB(A) hearing protection zones must be set up with clear warning signs positioned.
Completed Workplace Noise Assessments or Contractors equivalent will be filed in the site H&S file on site.
On completion of the noise assessment Winvic and its contractors will provide relevant information, instruction, and training to employees at risk from excessive noise levels.
Suppliers of plant will be required to supply guidance on anticipated noise levels to ensure the specified noise level is not exceeded.

- Noise levels are generally not expected to exceed those of the wider industrial estate, which operates 24/7.

M400 Ocado – Haywood Distribution Park

Rochdale



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